

# Vegetable Wash Case Study

## (Peas)



## Hydrite® HydriShield™ PA 15 HP

Hydrite product gains reputation for flexibility and efficiency while delivering high quality to a Midwest vegetable producer.

### CHALLENGE

A Midwest vegetable wash facility struggled with maintaining a legal concentration range of antimicrobial chemistry in wash water during the process. The tight range of the chemistry restricted treatment within the wash process producing high operational costs.

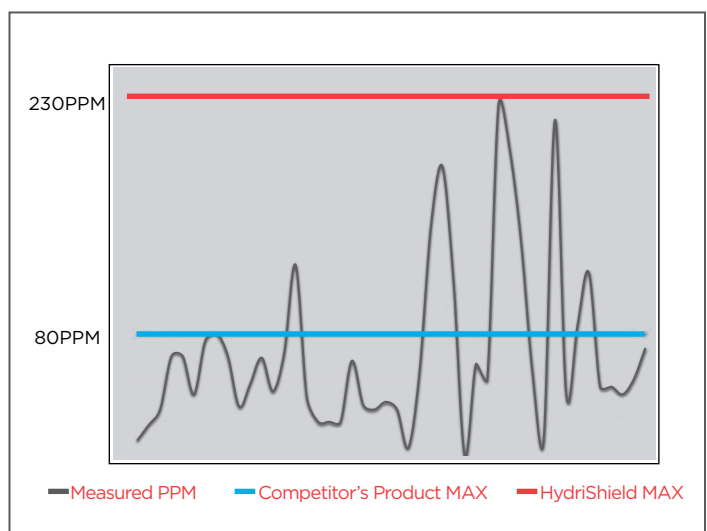
### RESULTS

A Midwest vegetable wash facility found optimal results after replacing a competitor's 15% peracetic acid (PAA) with Hydrite HydriShield PA 15 HP to wash peas in their process.

- \* Greater flexibility to treat process changes without quarantining product (see chart below)
- \* Detected no *Listeria* spp. or *E.coli*
- \* Average aerobic plate counts (APC) were 99% below facility requirements
- \* Average finished coliform counts were 7 times less than facility requirements
- \* No process disruption or product quarantine
  - Out of range PAA concentrations no longer an issue

#### Wash Water Peracetic Acid Concentration

Competitor's PAA limited the facility to 80PPM in wash water. HydriShield PA 15 HP limit is 230PPM allowing the facility to shock dose during line change overs and stoppages to maintain product quality.



**CHEMICAL CO.**

Providing Creative Solutions

## BENEFITS OF USING PAA

Effective against broad spectrum of microorganisms



No toxic byproducts



Controls odors



Sustainable and Safe decomposition



Non-foaming



Easy to use



Operates over a wide temperature and pH range



## The HYDRITE Advantage

### Chemical Experts

Our team is experienced and dedicated to providing technical support and services that help maximize efficiency and profitability all while maintaining or enhancing the quality of your end-product. Partner with Hydrite to see how our people make the difference.

### Customized Programs

Every plant is unique and we understand that. We customize a solution for each location and application. Contact us today to learn more about our quality products, services, technology, and solutions.

### Quality Focus

We understand how important it is to protect your brand and maintain the trust your customers place in you. Let us help you by delivering a quality solution at the most efficient cost.

### Customer Service

At Hydrite, we form partnerships with our customers and provide them with the best possible and most efficient operational solution. Contact us today to see how we are different.

### Supportive Approach

We feature a variety of creative solutions designed to lower operating costs, improve efficiency, and help you protect your brand. Join the many satisfied Hydrite customers that have experienced the Hydrite Advantage.

#### FOR MORE INFORMATION:

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